

## DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled, "SYSTEM AND METHOD FOR MANIPULATING MAGNETIC PARTICLES IN FLUID SAMPLES TO COLLECT DNA OR RNA FROM A SAMPLE" the specification of which is attached hereto unless the following box is checked:

☒ was filed on May 19, 2000 as Application Serial No. 09/573,540

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

NUMBER	COUNTRY	DATE FILED (Day/Month/Year)	PRIORITY CLAIMED	
			YES	NO

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

APPLICATION NUMBER	FILING DATE

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NO.	FILING DATE	STATUS (Patented, Pending, Abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

NAME	REG. NO.	NAME	REG. NO.	NAME	REG. NO.
Richard J. Rodrick	26,985	Richard E. Brown	30,934	Arthur D. Dawson	35,113
David W. Highet	30,265	Robert M. Hallenbeck	31,364	Bruce S. Weintraub	34,277
John L. Voellmicke	30,348	Donna R. Fugit	32,135	Susan A. Capello	34,560
Eric M. Lee	30,471	Alan W. Fiedler	33,690		
Allen W. Wark	30,503	Nanette S. Thomas	33,310		

Address all telephone calls to David W. Highet at telephone number (201) 847-5317.

REV. 09/25/95

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF SOLE OR FIRST INVENTOR	
Timothy R. Hansen	
FIRST INVENTOR'S SIGNATURE	DATE
<i>Timothy R. Hansen</i>	9/26/00
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POST OFFICE ADDRESS	
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FULL NAME OF SECOND JOINT INVENTOR, IF ANY	
Matthew P. Collis	
SECOND INVENTOR'S SIGNATURE	DATE
<i>Matthew P. Collis</i>	9/26/00
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FULL NAME OF THIRD JOINT INVENTOR, IF ANY	
Bradley S. Thomas	
THIRD INVENTOR'S SIGNATURE	DATE
<i>Bradley S. Thomas</i>	9/26/00
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POST OFFICE ADDRESS	
21 Norwick Circle, Timonium, Maryland 21093	

# ASSIGNMENT

Serial No. 09/73,540  
Filed: May 19, 2000

WHEREAS, Timothy R. Hansen, Matthew P. Collis and Bradley S. Thomas

(hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to:

## SYSTEM AND METHOD FOR MANIPULATING MAGNETIC PARTICLES IN FLUID SAMPLES TO COLLECT DNA OR RNA FROM A SAMPLE

for which they have on the 19th day of May, 2000 executed an application for Letters Patent of the United States of America; and

WHEREAS, Becton Dickinson and Company, a corporation of the State of New Jersey, (hereinafter called "Assignee"), is desirous of acquiring the entire right, title, and interest therein:

NOW, THEREFORE, BE IT KNOWN that for and in consideration of the premises and in acknowledgment, confirmation and performance of obligations which arose out of the terms and conditions of Assignors' employment by Assignee at the time the invention was made, and/or other valuable considerations to them, the receipt and sufficiency of which are hereby acknowledged, Assignors have assigned and transferred, and do hereby assign and transfer unto said Assignee the entire right, title and interest in and to all said inventions and discoveries disclosed in said application whose identification above by serial number and filing date, when available, is hereby authorized, and in and to said application, all substitutions, divisions, and continuations thereof, and in and to all Letters Patent, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals, and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this Assignment and sale had not been made;

And Assignors hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue said Letters Patent in accordance with this Assignment;

And for the consideration aforesaid, Assignors covenant and agree with said Assignee that they have a full and unencumbered title to the inventions and discoveries above described and hereby assigned, which title they warrant unto said Assignee, its successors and assigns;

And for the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to them, promptly communicate to said Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, and execute any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection for the said inventions and discoveries or that may be necessary to vest in said Assignee the complete title to the said inventions and discoveries and patents hereby conveyed and to enable it to record said title.

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals this 26<sup>th</sup> day of September, 2000.

Timothy R. Hansen 9/26/00 (L.S.) Matthew P. Collis 9/26/00 (L.S.)  
Timothy R. Hansen Matthew P. Collis

Bradley S. Thomas 9/26/00 (L.S.) (L.S.)  
Bradley S. Thomas

☒ NOTARIZATION PAGE ADDED

00060431.002101

STATE of Maryland  
COUNTY OF Baltimore

BE IT REMEMBERED, That on this 26 day of September 2000, before me, a Notary public, personally appeared Timothy R. Hansen, Matthew P. Collis and Bradley S. Thomas who I am satisfied is (are) the person(s) named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their voluntary act and deed for the uses and purposes therein expressed.

Sharon J. Gilbert  
Notary Public  
Sharon J. Gilbert  
My Commission Expires 6/1/02

P-5055 assignment  
#35029

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